



Philips Cinema 21:9  
LCD TV with Ambilight  
Spectra 3 and Perfect Pixel  
HD Engine

**56"**

Full HD 1080p digital TV

**CINEMA 21:9**



**56PFL9954H**

## Create the original cinema experience at home

### Watch 21:9 (2.39:1) movies with Ambilight

Be blown away as you watch high-definition Blu-ray movies or HDTV or play games on the spectacular 56" ultra-wide television screen. For a true cinematic widescreen TV viewing experience that perfectly matches the original 21:9 (2.39:1) film format.

#### True cinema experience

- 21:9 movie aspect ratio, no black bars bottom and top
- Ambilight Spectra 3 for an immersive viewing experience

#### Breathtaking perfect pictures

- Full HD LCD display, with a 2560 x 1080p resolution
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- Perfect Natural Motion for ultra-smooth Full HD movies
- 200 Hz Clear LCD\*, 1 ms performance: extreme motion sharpness

#### Connect and enjoy the online world

- Net TV with Wi-Fi for popular online services on your TV
- Enjoy a rich selection of web videos from YouTube and others
- DLNA PC network link for watching videos from your computer

#### Ready for digital

- MPEG4 HDTV reception via DVB-T and DVB-Cable tuner\*



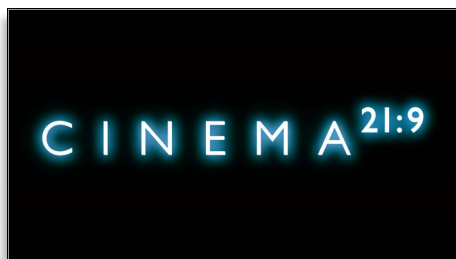
**PHILIPS**  
sense and simplicity

# Highlights

## Full HD LCD display 2560 x 1080p

Enjoy the exceptional picture quality of Full HD sources like HDTV broadcast or Blu-ray on your Cinema 21:9. The unique movie format screen comes with 2560 x 1080p resolution, matching the 21:9 aspect ratio of the screen.

## 21:9 movie aspect ratio



Be blown away by movies the way they are meant to be seen with the 21:9 (2.39:1) movie format. The Cinema 21:9 TV perfectly matches the original movie format used by directors, so you get no black bars or picture loss, just movies the way the director intended them to be seen. Bring the magic of the cinema home, in the authentic 21:9 movie format. Enjoy 16:9 and gaming content with the full power of the 21:9 screen. Cinema 21:9 uses a highly advanced formatting technology to fit other formats to the screen perfectly without distortion. Enjoy the action in the comfort of your own home!

## Ambilight Spectra 3



Add a new dimension to your viewing experience with Ambilight Spectra 3. This

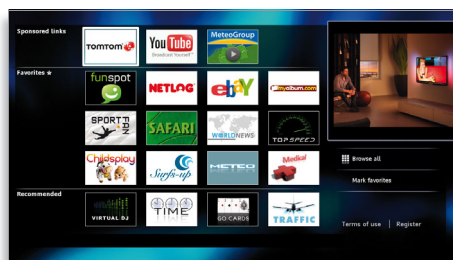
patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight automatically adjusts the colour and brightness of the light surrounding the TV to match the picture, creating an immersive viewing experience. With Ambilight Spectra 3 movies truly come to life!

## Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to match the surrounding pixels better, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artefact and noise detection and reduction in all content sources — from multimedia to standard TV.

## Net TV with Wi-Fi



Experience a rich selection of online services with Net TV. Enjoy movies, pictures, infotainment and other online content directly

on your TV whenever you like. Simply connect your TV directly to your home network through either the integrated Wi-Fi wireless or Ethernet connection, and navigate to and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your TV remote control.

## Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness, regardless of how quick the action gets on-screen. Enjoy motion performance that surpasses cinema quality!

## 200 Hz Clear LCD\* (1 ms)

Enjoy extreme motion sharpness without picture imperfections. The Philips 200 Hz Clear LCD brings the response time of LCD TV to an incredible 1 ms, so even with the fastest action scene you will be enthralled by the action, and not following the stretched car across the screen. Go ahead, enjoy the action!



# Specifications

## Picture/Display

- Aspect ratio: 2.39:1, 21:9
- Brightness: 500 cd/m<sup>2</sup>
- Dynamic screen contrast: 80,000:1
- Response time (typical): 1 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 56 inch / 142 cm
- Display screen type: LCD Full HD UW-UXGA Act.matrix
- Panel resolution: 2560 x 1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colours, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing, 200 Hz Clear LCD\*, Scanning backlight
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB

## Ambilight

- Ambilight Features: Ambilight Spectra 3, Lounge light mode
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED-wide colour

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1360 x 768	60 Hz
1920 x 1080	60 Hz

### Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 50, 60 Hz
1080p	24, 25, 30 Hz

## Sound

- Output power (RMS): 2 x 15 W
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Treble and Bass Control
- Sound System: BBE

## Loudspeakers

- Built-in speakers: 4
- Loudspeaker types: 2 integrated subwoofers, 2 x Dome tweeter

## Convenience

- Child Protection: Child Lock+Parental Control
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control, Connectivity assistant, Automatic setup wizard, Demo mode, On-screen User manual, Touch control buttons, Favourite programme selection, Iconic home screen, Mozaïc channel grid
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide\*
- Picture in Picture: Text dual screen
- Remote Control: DVD, DVD-R, Sat, STB (Set-Top Box), Universal, HTS (Home Theatre System)
- Remote control type: RC4495
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot), Cinema 21:9, Cinema 21:9 subtitle-shift
- Teletext: 1200-page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in, DLNA media Browser, Net TV services
- Smart mode: Game, Cinema, Personal, Power saver, Standard, Vivid

## Multimedia Applications

- Multimedia connections: Ethernet-UTP5, USB, Wi-Fi 802.11g (built in)
- Playback Formats: MP3, WMA v2 up to v9.2, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2, MPEG4, AVI, H.264/MPEG-4 AVC, MPEG-Programme-stream PAL, WMV9/VC1

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial\*, DVB-T MPEG4\*, DVB-C

## MPEG4\*, MHEG

- Tuner bands: Hyperband, S-Channel, UHF, VHF

## Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- PC network link: DLNA 1.0 certified
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI 4: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, EasyLink, Pixel Plus link, Remote control pass-through, System audio control, System standby

## Power

- Ambient temperature: 5°C to 35°C
- Mains power: AC 220-240 V +/- 10%
- Power consumption: 281 W
- Standby power consumption: 0.15 W

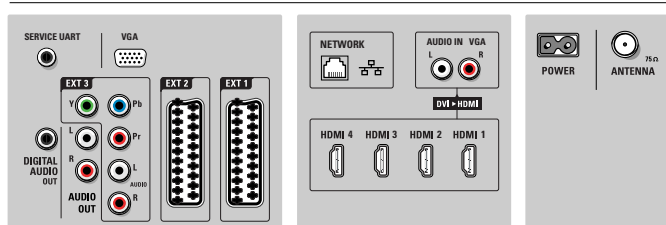
## Dimensions

- Set dimensions (W x H x D): 1418 x 691 x 105 mm
- Set dimensions with stand (H x D): 745 x 324 mm
- Weight incl. Packaging: 50 kg
- Product weight: 31.9 kg
- Product weight (+stand): 37.4 kg
- Box dimensions (W x H x D): 1550 x 994 x 362 mm
- Colour cabinet: Black glass decofront with black back cover
- VESA wall mount compatible: 400 x 400 mm

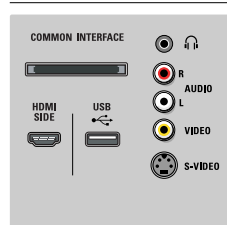
## Accessories

- Included Accessories: Smart levelling wall bracket, RF antenna cable, Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control
- Optional accessories: Matching stand ST569954

## Rear connectors



## Side



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\* 200 Hz Clear LCD displays 200 scenes per second by combining advanced 100 Hz technology with scanning backlight @ 50% duty cycle.  
\* 8 days EPG, service not available in all countries  
\* DVB-T, supported in selected countries only  
\* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.  
\* Net TV, service offering is dependent on country and subject to terms of use.